

GenCore version 5.1.6
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: June 25, 2003, 11:49:40 ; Search time 13.2 seconds

(Without alignments)
33.435 Million cell updates/sec

Title: US-09-869-540A-2_COPY_5_19

Sequence: 1 LKCMIGRYRRCPCMOV 15

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

1: /cgn2_6/ptodate/1/1aa/5A_COMB.pep:*
2: /cgn2_6/ptodate/1/1aa/3B_COMB.pep:*
3: /cgn2_6/ptodate/1/1aa/6A_COMB.pep:*
4: /cgn2_6/ptodate/1/1aa/6B_COMB.pep:*
5: /cgn2_6/ptodate/1/1aa/PCtus_COMB.pep:*
6: /cgn2_6/ptodate/1/1aa/PCtus1les1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	90	100.0	21	4	US-09-218-467B-8
2	62	68.9	17	1	US-07-992-288-5
3	62	68.9	17	1	US-07-989-764-5
4	42	46.7	52	1	US-08-247-475-38
5	42	46.7	52	1	US-08-479-650-38
6	42	46.7	52	1	US-08-191-866D-60
7	42	46.7	52	2	US-08-674-169-38
8	42	46.7	52	2	US-08-185-949B-60
9	42	46.7	155	1	US-08-150-203A-7
10	42	46.7	155	1	US-08-454-730-7
11	42	46.7	155	4	US-08-949-788-7
12	42	46.7	577	6	5352575-9
13	40	44.4	493	1	US-08-341-916-2
14	40	44.4	493	1	US-08-805-166-2
15	40	44.4	493	2	US-08-805-169-2
16	40	44.4	493	2	US-08-957-365-2
17	40	44.4	493	2	US-08-957-364-2
18	40	44.4	493	4	US-08-476-123-12
19	40	44.4	1711	2	US-08-342-930-2
20	39.5	43.9	86	4	US-09-300-008B-55
21	39	43.3	523	3	US-08-651-999A-2
22	39	43.3	523	4	US-09-385-752-2
23	39	43.3	1614	4	US-09-052-466-2
24	39	43.3	4302	3	US-08-658-136-5
25	39	43.3	4302	4	US-09-052-466-8
26	39	43.3	4303	2	US-08-460-751-2
27	39	43.3	4339	4	US-09-052-466-6

28	38.5	42.8	166	2	US-08-631-328-55	Sequence 55, Appl
29	38.5	42.8	166	4	US-09-339-913B-86	Sequence 86, Appl
30	38.5	42.8	166	4	US-09-339-904A-86	Sequence 86, Appl
31	38.5	42.8	166	4	US-08-769-062B-86	Sequence 86, Appl
32	38.5	42.8	166	4	US-09-344-002B-86	Sequence 86, Appl
33	38.5	42.8	166	4	US-09-559-565C-86	Sequence 86, Appl
34	38.5	42.8	189	1	US-08-026-758-18	Sequence 18, Appl
35	38.5	42.8	189	4	US-09-206-935-17	Sequence 17, Appl
36	38.5	42.8	189	4	US-09-206-936-17	Sequence 17, Appl
37	38.5	42.8	189	4	US-09-487-792-10	Sequence 10, Appl
38	38	42.2	490	1	US-08-201-118-11	Sequence 5, Appl
39	38	42.2	490	1	US-08-201-118-11	Sequence 5, Appl
40	38	42.2	490	2	US-08-238-821B-11	Sequence 11, Appl
41	38	42.2	490	2	US-08-238-821B-11	Sequence 11, Appl
42	38	42.2	490	5	PCT-US95-05744-5	Sequence 5, Appl
43	38	42.2	490	5	PCT-US95-05744-11	Sequence 11, Appl
44	37	41.1	83	2	US-09-047-125-33	Sequence 33, Appl
45	37	41.1	83	3	US-07-736-335E-33	Sequence 33, Appl

ALIGNMENTS

```
RESULT 1
US-09-218-467B-8
: Sequence 8, Application US/09218467B
: Patent No. 6362326
: GENERAL INFORMATION:
: APPLICANT: SATHE, GANESH
: APPLICANT: ELLIS, CATHERINE
: APPLICANT: HALSEY, WENDY
: APPLICANT: BERGSMY, WENDY
: TITLE OF INVENTION: 11cby Genomic Sequence
: FILE REFERENCE: GP-50010
: CURRENT APPLICATION NUMBER: US/09/218,467B
: CURRENT FILING DATE: 2001-06-22
: NUMBER OF SEQ ID NOS: 8
: SOFTWARE: FASTSEQ for Windows Version 3.0
: SEQ ID NO 8
: LENGTH: 21
: TYPE: PRT
: ORGANISM: HOMO SAPIENS
US-09-218-467B-8

Query Match      100.0% Score 90: DB 4: Length 21:
Best Local Similarity 100.0% Pred No. 2.3e-08:
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY      1 LKCMIGRYRRCPCMOV 15
        |||||
Db      6 LKCMIGRYRRCPCMOV 20

RESULT 2
US-07-992-288-5
: Sequence 5, Application US/07992288
: Patent No. 535831
: GENERAL INFORMATION:
: APPLICANT: Lebel, Michael
: APPLICANT: Eichler, Julia
: APPLICANT: Pokorny, Yit
: APPLICANT: Jehnicka, Jiri
: APPLICANT: Mudra, Petr
: APPLICANT: Zenisek, Karel
: APPLICANT: Stierandova, Alena
: APPLICANT: Kalousek, Jan
: APPLICANT: Bohl, Jan
: TITLE OF INVENTION: METHOD OF MAKING MULTIPLE SYNTHESIS OF
: NUMBER OF INVENTIONS: PEPTIDES ON SOLID SUPPORT
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Dresler, Goldsmith, Shore & Milnamow, Ltd.
: STREET: 180 No. 533831th Stetson, Suite 4700
```

CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/992,288
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-992-288-5

Query Match 68.9%; Score 62; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 0.00065;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 1 LRCMLGRVYRPMQV 15
:|:|||||:|:
Db 3 MRSVGRVYRPMQV 17

RESULT 3
US-07-989-764-5
Sequence 5, Application US/07989764
Patent No. 5342585
GENERAL INFORMATION:
APPLICANT: Lebel, Michel
APPLICANT: Eichler, Jutta
APPLICANT: Pokorny, Vít
APPLICANT: Jehlička, Jiří
APPLICANT: Mudra, Petr
APPLICANT: Zenisek, Karel
APPLICANT: Stierandova, Alena
APPLICANT: Kalousek, Jan
APPLICANT: Bolí, Jan
TITLE OF INVENTION: APPARATUS FOR MAKING MULTIPLE SYNTHESIS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dressler, Goldsmith, Shore & Milnamow, Ltd.
STREET: 180 No. 5342585th Stetson, Suite 4700
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60601
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,764
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/645,121
FILING DATE: 24-JAN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hoover, Allen J.
REGISTRATION NUMBER: 24,103
TELEPHONE: (312)616-5400
TELEFAX: (312)616-5460
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-989-764-5

Query Match 68.9%; Score 62; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 0.00065;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 1 LRCMLGRVYRPMQV 15
:|:|||||:|:
Db 3 MRSVGRVYRPMQV 17

RESULT 4
US-08-247-475-38
Sequence 38, Application US/08247475
Patent No. 5593873
GENERAL INFORMATION:
APPLICANT: Cochran, Mark D.
APPLICANT: Macdonald, Richard D.
TITLE OF INVENTION: Recombinant Infectious Bovine
TITLE OF INVENTION: Rhinotracheitis Virus
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: John P. White
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/247,475
FILING DATE: May 23, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
TELEX: 422523
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudorabies Virus
US-08-247-475-38

Query Match 46.7%; Score 42; DB 1; Length 52;
Best Local Similarity 63.6%; Pred. No. 3.4;

Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
OY 2 RCMGVRVPC 12
11:1111
DB 9 RCLLYVVEPC 19

RESULT 5

US-08-479-650-38
; Sequence 38, Application US/08479650
; Patent No. 559544
; GENERAL INFORMATION:
; APPLICANT: Cochran, Mark D.
; APPLICANT: Macdonald, Richard D.
; TITLE OF INVENTION: Recombinant Infectious Bovine
; TITLE OF INVENTION: Rhinotracheitis Virus
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John P. White
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/479,650
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX: 422523
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 52 amino acids
; TYPE: amino acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Pseudorabies Virus
; US-08-479-650-38

Query Match 46.7%; Score 42; DB 1; Length 52;
Best Local Similarity 63.6%; Pred. NO. 3.4;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

OY 2 RCMGVRVPC 12
11:1111
DB 9 RCLLYVVEPC 19

RESULT 6
US-08-191-866D-60
; Sequence 60, Application US/08191866D
; Patent No. 5783195.
; GENERAL INFORMATION:
; APPLICANT: Cochran, Mark D.
; APPLICANT: Macdonald, Richard D.
; TITLE OF INVENTION: Recombinant Infectious Bovine
; TITLE OF INVENTION: Rhinotracheitis Virus S-IBR-052 and Uses Thereof
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:

ADDRESSEE: John P. White
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/191,866D
; FILING DATE: 4 February 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX: 422523
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 52 amino acids
; TYPE: amino acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Pseudorabies Virus
; US-08-191-866D-60

Query Match 46.7%; Score 42; DB 1; Length 52;
Best Local Similarity 63.6%; Pred. NO. 3.4;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

OY 2 RCMGVRVPC 12
11:1111
DB 9 RCLLYVVEPC 19

RESULT 7
US-08-674-169-38
; Sequence 38, Application US/08674169
; Patent No. 5804372
; GENERAL INFORMATION:
; APPLICANT: Cochran, Mark D.
; APPLICANT: Macdonald, Richard D.
; TITLE OF INVENTION: Recombinant Infectious Bovine
; TITLE OF INVENTION: Rhinotracheitis Virus
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John P. White
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/674,169
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678

```
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudorabies Virus
US-08-674-163-38

Query Match
Best Local Similarity 46.7%; Score 42; DB 1; Length 52;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 RCMLGRTYRPC 12
DB 9 RCLLYVYVPC 19

RESULT 8
US-08-185-949B-60
Sequence 60, Application US/08185949B
Patent No. 5874279
GENERAL INFORMATION:
APPLICANT: Mark D. Cochran
APPLICANT: Richard D. MacDonald
TITLE OF INVENTION: Recombinant Infectious Bovine
TITLE OF INVENTION: Rhinotracheitis Virus
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: John P. White
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM 330 466 DX2
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/185,949B
FILING DATE: 03-NOV-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 278-0525
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudorabies Virus
US-08-185-949B-60

Query Match
Best Local Similarity 46.7%; Score 42; DB 2; Length 52;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 amino acids
TYPE: amino acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudorabies Virus
US-08-674-163-38

Query Match
Best Local Similarity 46.7%; Score 42; DB 1; Length 52;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 RCMLGRTYRPC 12
DB 9 RCLLYVYVPC 19

RESULT 9
US-08-150-203A-7
Sequence 7, Application US/08150203A
Patent No. 5676951
GENERAL INFORMATION:
APPLICANT: Rijsewijk, Franciscus Antonius Maria
APPLICANT: van Olirschot, Johannes Theodorus
APPLICANT: Maes, Roger Kamel
TITLE OF INVENTION: Bovine Herpesvirus Type 1
TITLE OF INVENTION: Deletion Mutants, Vaccines Based
TITLE OF INVENTION: Thereon, Diagnostic Kits For
TITLE OF INVENTION: Detection Of Bovine Herpesvirus
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann & Baron
STREET: 350 Jericho Turnpike
CITY: Jericho
STATE: New York
COUNTRY: United States of America
ZIP: 11753
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch,
MEDIUM TYPE: 1.44 MB Storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: WORD PERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/150,203A
FILING DATE: December 6, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA: NO. 5676951e
ATTORNEY/AGENT INFORMATION:
NAME: Louise A. Foulch
REGISTRATION NUMBER: 37,133
REFERENCE/DOCKET NUMBER: 294-22
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 822-3550
TELEFAX: (516) 822-3582
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 155 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-150-203A-7

Query Match
Best Local Similarity 46.7%; Score 42; DB 1; Length 155;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2 RCMLGRTYRPC 12
DB 43 RCLLYVYVPC 53

RESULT 10
US-08-454-730-7
Sequence 7, Application US/08454730
Patent No. 5788177
GENERAL INFORMATION:
APPLICANT: Rijsewijk, Franciscus Antonius Maria
APPLICANT: van Olirschot, Johannes Theodorus
APPLICANT: Maes, Roger Kamel
TITLE OF INVENTION: Bovine Herpesvirus Type 1
TITLE OF INVENTION: Deletion Mutants, Vaccines Based
```

;; TITLE OF INVENTION: Thereon, Diagnostic Kits For
;; TITLE OF INVENTION: Detection Of Bovine Herpesvirus
;; NUMBER OF SEQUENCES: 16
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Hoffmann & Baron
;; STREET: 350 Jericho Turnpike
;; CITY: Jericho
;; STATE: New York
;; COUNTRY: United States of America
;; ZIP: 11753
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette - 3.5 inch,
;; MEDIUM TYPE: 1.44 MB Storage
;; OPERATING SYSTEM: MS DOS
;; SOFTWARE: WORD PERFECT 6.0
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/454,730
;; FILING DATE: May 31, 1995
;; CLASSIFICATION: 536
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/150,203
;; FILING DATE: December 6, 1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ronald J. Baron
;; REGISTRATION NUMBER: 29,281
;; REFERENCE/DOCKET NUMBER: 294-22 DIV
;; TELEPHONE: (516) 822-3550
;; TELEFAX: (516) 822-3582
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 155 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: Linear
;;
US-08-454-730-7
;
Query Match 46.7%; Score 42; DB 1; Length 155;
Best Local Similarity 63.6%; Pred. No. 9.9;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
;
QY 2 RCMGGRVYRPC 12
DB 43 RCLLYVYVYRPC 53
;
RESULT 11
US-08-949-788-7
;; Sequence 7, Application US/08949788
;; Patent No. 6403097
;; GENERAL INFORMATION:
;; APPLICANT: R1jsew1jk, Franciscus Antonius Maria
;; APPLICANT: van Olschoot, Johannes Theodorus
;; APPLICANT: Maas, Roger Kamel
;; TITLE OF INVENTION: Bovine Herpesvirus Type 1
;; TITLE OF INVENTION: Deletion Mutants, Vaccines Based
;; TITLE OF INVENTION: Thereon, Diagnostic Kits For
;; TITLE OF INVENTION: Detection Of Bovine Herpesvirus
;; TYPE OF INVENTION: Type 1
;; NUMBER OF SEQUENCES: 16
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Hoffmann & Baron
;; STREET: 350 Jericho Turnpike
;; CITY: Jericho
;; STATE: New York
;; COUNTRY: United States of America
;; ZIP: 11753
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette - 3.5 inch,
;; MEDIUM TYPE: 1.44 MB Storage
;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: MS DOS
;; SOFTWARE: WORD PERFECT 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/949,788
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/150,203
;; FILING DATE: 22-MAR-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Louise A. Foutch
;; REGISTRATION NUMBER: 37,133
;; REFERENCE/DOCKET NUMBER: 294-22
;; TELEPHONE: (516) 822-3550
;; TELEFAX: (516) 822-3582
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 155 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: Linear
;;
US-08-949-788-7
;
Query Match 46.7%; Score 42; DB 4; Length 155;
Best Local Similarity 63.6%; Pred. No. 9.9;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
;
QY 2 RCMGGRVYRPC 12
DB 43 RCLLYVYVYRPC 53
;
RESULT 12
5352575-9
;; Patent No. 5352575
;; APPLICANT: PETROVSKIS, ERIK A.; POST, LEONARD E.; TIMMINS, JAMES G.
;; TITLE OF INVENTION: PSEUDORABIES VIRUS PROTEIN
;; NUMBER OF SEQUENCES: 12
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/513,282
;; FILING DATE: 20-APR-1990
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 100,817
;; FILING DATE: 29-JUN-1987
;; APPLICATION NUMBER: 886,260
;; FILING DATE: 16-JUL-1986
;; APPLICATION NUMBER: 784,787
;; FILING DATE: 04-OCT-1985
;; APPLICATION NUMBER: 801,799
;; FILING DATE: 26-NOV-1985
;; APPLICATION NUMBER: 844,113
;; FILING DATE: 26-MAR-1986
;; SEQ ID NO: 9:
;; LENGTH: 577
;;
5352575-9
;
Query Match 46.7%; Score 42; DB 6; Length 577;
Best Local Similarity 63.6%; Pred. No. 36;
Matches 7; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
;
QY 2 RCMGGRVYRPC 12
DB 273 RCLLYVYVYRPC 283
;
RESULT 13
US-08-341-916-2
;; Sequence 2, Application US/08341916
;; Patent No. 5614609
;; GENERAL INFORMATION:
;; APPLICANT: Ib ez, Carlos F.
;; APPLICANT: Ryd n, Mikael

APPLICANT: J rnvall, Henrik
TITLE OF INVENTION: A No. 5614609e1 Serine Threonine Kinase Receptor
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/341,916
FILING DATE: Herewith
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1459.0230001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 493 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-341,916-2

Query Match 44.4%; Score 40; DB 1; Length 493;
Best Local Similarity 50.0%; Pred. No. 65;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 4 MGRVYRRCW 13
: : : : :
Db 456 VMGRIMRCW 465

RESULT 14
US-08-805-166-2
Sequence 2, Application US/08805166
Patent No. 5789565
GENERAL INFORMATION:
APPLICANT: Ib ez, Carlos F.
APPLICANT: Ryd n, Mikael
TITLE OF INVENTION: A No. 5789565e1 Serine Threonine Kinase Receptor
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/805,166
FILING DATE: 24-FEB-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/341,916
FILING DATE: 15-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1459.0230001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 493 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-805-166-2

NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1459.0230001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 493 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-805-166-2

Query Match 44.4%; Score 40; DB 2; Length 493;
Best Local Similarity 50.0%; Pred. No. 65;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 4 MGRVYRRCW 13
: : : : :
Db 456 VMGRIMRCW 465

RESULT 15
US-08-805-169-2
Sequence 2, Application US/08805169
Patent No. 5811245
GENERAL INFORMATION:
APPLICANT: Ib ez, Carlos F.
APPLICANT: Ryd n, Mikael
TITLE OF INVENTION: A No. 5811245e1 Serine Threonine Kinase Receptor
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/805,169
FILING DATE: 24-FEB-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/341,916
FILING DATE: 15-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 1459.0230001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)371-2600
TELEFAX: (202)371-2540
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 493 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-805-169-2

Query Match 44.4%; Score 40; DB 2; Length 493;
Best Local Similarity 50.0%; Pred. No. 65;
Matches 5; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 4 MGRVYRRCW 13
: : : : :
Db 456 VMGRIMRCW 465

Wed Jun 25 13:37:50 2003

us-09-869-540a-2_copy_5_19.jun23.ra1

Page 7

Db 456 VMGRIMRCW 465

Search completed: June 25, 2003, 11:56:36
Job time : 13.2 secs
